

Form PTO 1449

Attorney Docket No.  
8733.032.00Application No.  
09/448,276U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY  
APPLICANT  
(Use Several Sheets if Necessary)Applicant  
Yun Bok LEE et al.Filing Date  
November 24, 1999Group  
2871

Date: July 19, 2001



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
GB 2343012	4/2000	United Kingdom	X	
GB 2347779	9/2000	United Kingdom	X	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	United Kingdom Combined Search and Examination Report; May 9, 2001 (2 Pages)

EXAMINER

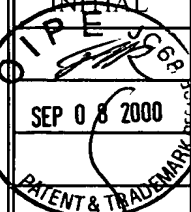

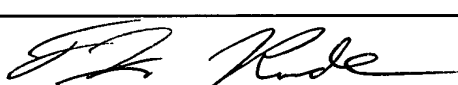
DATE CONSIDERED

2/21/02

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*English-language abstract provided.

Form PTO 1449: U.S. DEPARTMENT OF (Modified) COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 8733.032.00		SERIAL NO.: 09/448,276			
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT: Yun Bok LEE, et al.					
		FILING DATE: November 24, 1999		GROUP: 2871			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>JR</i>	AA	5,249,070	05/1993	TAKANO	359	54	
<i>JR</i>	AB	5,623,354	04/1997	LIEN et al.	349	124	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
<i>JR</i>	AC	0 884 626	12/1998	Europe			x
<i>JR</i>	AD	961 0774	04/1996	WO			x
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>JR</i>	AE	A. Lien, R.A. John, Two-Domain TN-LCDs Fabricated by Parallel Fringe Field Method, SID Digest, 1993, pgs. 269-272					
	AF	A. Lien, R.A. John, TFT-Addressed Two-Domain TN VGA Displays Fabricated Using the Parallel Fringe Field Method, SID Digest, 1994, pgs. 594-597					
	AG	N. Koma, Y. Baba, K. Matsuoka, No-Rub Multi-Domain TFT-LCD Using Surrounding-Electrode Method, SID Digest, 1995, pgs. 869-872					
	AH	H. Murai, M. Suzuki, S. Kaneko, Novel High Contrast Random and Controlled 4-Domain CTN-LCDs with Wide Viewing Angle, Euro Display '96, pgs. 159-161					
	AI	Y. Koike, S. Kataoka, T. Sasaki, H. Chida, H. Tsuda, A. Takeda and K. Ohmuro, T. Sasabayashi, K. Okamoto, A Vertically Aligned LCD Providing Super-High Image Quality, IDW '97, pgs. 159-162					
	AJ	N. Koma, R. Nishikawa, Development of a High-Quality TFT-LCD for Projection Displays, SID Digest, 1997, pgs. 461-464					
<i>JR</i>	AK	K. Ohmuro, S. Kataoka, T. Sasaki, Y. Koike, Development of Super-High Image Quality Vertical Alignment Mode LCD, SID Digest, 1997, pgs. 845-848					
EXAMINER:	<i>JR Rude</i>			DATE CONSIDERED:		2/21/02	
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 U.S. DEPARTMENT OF (Modified) COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 8733.20024		SERIAL NO.: 09/448,276			
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT: Yun Bok LEE et al.					
		FILING DATE: November 24, 199		GROUP: 2871			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AB	4,581,608	04/1986	AFTERGUT et al.	340	704	
	AC	4,728,175	03/1988	BARON	350	336	
	AD	4,937,566	06/1990	CLERC	340	784	
	AE	4,978,203	12/1990	YAMAZAKI et al.	350	339 R	
	AF	5,574,582	11/1996	TAKEDA et al.	359	59	
	AG	5,668,650	09/1997	MORI et al.	349	42	
	AH	5,737,051	04/1998	KONDO et al.	349	141	
		5,777,701	07/1998	ZHANG	349	44	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AI	0 752 611	01/1997	Europe		N/A	
	AJ	0 814 142	12/1997	Europe		N/A	
	AK	0 854 377	07/1998	Europe		N/A	
	AL	2 296 810	07/1996	UK		N/A	
	AM	2 321 718	08/1998	UK		N/A	
	AN	2 337 843	01/1999	UK		N/A	
	AO	05-297412	11/1993	Japan	Abstract		
AP	09-197420	07/1997	Japan	Abstract			
	AQ	09-230387	09/1997	Japan	Abstract		
	AR						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER:					DATE CONSIDERED:		2/21/02
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Yon Bok LEE et al.

Group Art Unit: 2871

Serial No.: 09/448,276

Examiner: Unknown

Filed: November 24, 1999


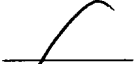
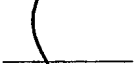







Subject: MULTI-DOMAIN LIQUID CRYSTAL DISPLAY DEVICE

**RELATED CASES STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant hereby provides a list of pending U.S. applications or issued patents which may be related to the present application.

<u>Examiner's Initial</u>	<u>U.S. Serial Number</u>	<u>Filing Date</u>	<u>Inventor Name</u>	<u>Our Ref.</u>
	09/250,262	02/1999	KIM et al.	8733.6881
	09/357,247	07/1999	LEE	8733.6930
	09/537,570	03/2000	KIM et al.	8733.20094
	09/256,180	02/1999	SEO et al.	8733.8308
	09/326,415	01/1999	KIM et al.	8733.20010
	09/421,114	10/1999	KIM et al.	8733.20023
	09/448,276	11/1999	LEE et al.	8733.20024
	09/497,507	02/2000	LEE et al.	8733.20025
	09/327,283	01/1999	YOO et al.	8733.20002
	09/598,213	06/2000	KIM et al.	8733.20105

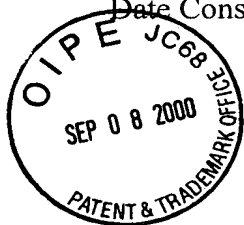
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SEP 15 2000  
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DC:61549.1

Docket No.: 8733.20024

**RELATED CASES STATEMENT**

<u>Examiner's Initial</u>	<u>U.S. Serial Number</u>	<u>Filing Date</u>	<u>Inventor Name</u>	<u>Our. Ref.</u>
<u>JR</u>	09/541,426	04/2000	KIM et al.	8733.20102
<u>JR</u>	09/567,134	05/2000	KIM et al.	8733.20119
<u>JR</u>	09/618,165	07/2000	CHOI et al.	8733.039.20

Date Considered: 2/21/02



*September 8, 2000*

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Respectfully submitted,

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A handwritten signature in black ink, appearing to read "Song K. Jung".

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